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CONTRACT CERTIFICATE

(For Other Works)

No. 2nd & Final Bill
Date............20..............
D: Dasarahalli

AEE/T.DSD/SBR/32/19-20
dt - 31/1/2020

Bill Received No......224........Dated 31/1/2020
Sub-Division: T.Dasarahalli
Scheduled Docket No
Cash Book Voucher No..................dated........................

Name of Work (as per sanctioned estimate **Providing & Sinking of Borewells Pump Motor and Electrical Lines in ward No 14 Bagalagunte**

Name of Contractor and Full Address **K.Madhavareddy, No.898, 1st Cross, Muneshwara Nagara, Nagasandra Post, Bangalore-560073**

Reference to Agreement No. EE/DD/WO/339/19-20

Date: 18.06.2019

Certified that the measurements were taken by me on 16.09.2019 and recorded of pages 168434-168444 of measurement Book No. 1685 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

AE

Certified that the measurements were taken by me on 16.09.2019 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

16-09-19

Sub-Division Officer

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

If Memorandum of Payment **014-19-000052**

1) Total value of work done or supplies made as per account
2) Deduct amount to be held in reserve being.............percent Rs............
3) Deduct amount to be held in reserve being Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No..................Dated...................S.D No.........
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.........date ....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Ist and part Bill → 2489773=00
2nd and Finall Bill → 1548884=00
IT → 15489=00
LWC → 15489=00
CBF → 1549=00
CGST → 13829=00
SGST → 13829=00
(-) 60185=00

Net Amount → 1488699=00

Contractor's Signature

Received Rs.....................1548884=00.....................(in works)
....
By Cash and by adjustment of Payment as per memorandum.....

Audited and admitted for Rs.............................
Passed by Cheque for Rs......1488699=00......
Fourteen Lakhs Eighty Eight Thousand Six Hundred Ninety Nine only
by adjustment Rs..........60185=00..........
Accounts Superintendent
Exe. Engineer
B.B.M.P. Dasarahalli Division

Witnesses :

1.

2.

Dated.........

(For use in the Office)

Signature of Contractor

Paid by me by cheque No..............................Dated..............................

Cash Rs...Dated..............................

Initials of Officer Making Payment Dated ....

Executive Engineer

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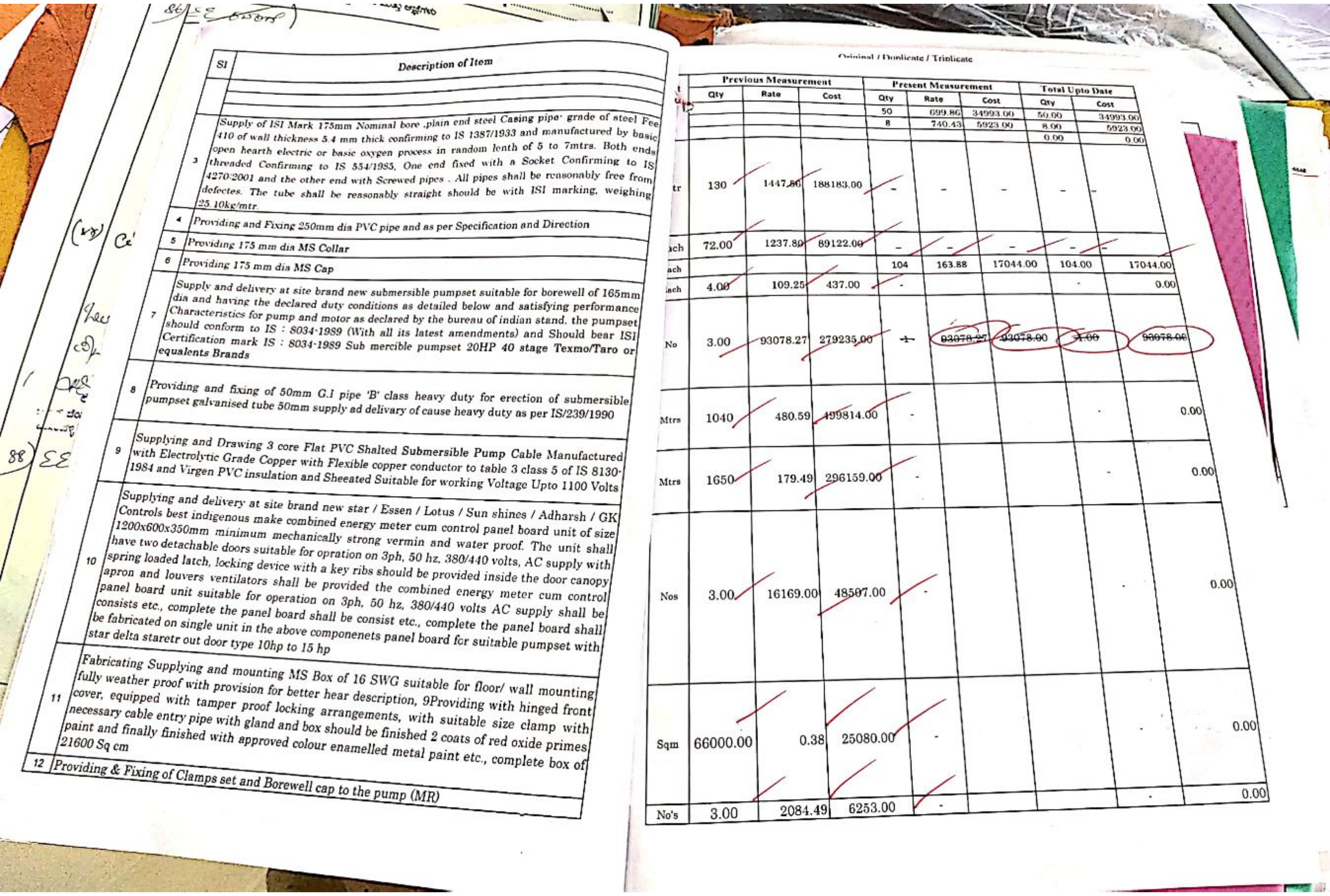
ಕಡತದ ಸಂಖ್ಯೆ ......

Sl	Description of Item	it	Previous Measurement			Present Measurement			Total Upto Date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity its quality . quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.	ch	4.00	2117.77	8471.00	-	-	-	-	-
	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,								0.00	0.00
	Soundarya Layout		50	344.33	17217.00	-	-	-	-	-
			50	450.77	22539.00	-	-	-	-	-
			50	500.75	25038.00	-	-	-	-	-
			50	528.88	26444.00	-	-	-	-	-
			50	612.15	30608.00	-	-	-	-	-
			50	656.04	32802.00	-	-	-	-	-
			50	699.86	34993.00	-	-	-	-	-
			15	740.43	11106.00	-	-	-	0.00	0.00
	Manjunatha Nagara									
			50	344.33	17217.00	-	-	-	-	-
			50	450.77	22539.00	-	-	-	-	-
			50	500.75	25038.00	-	-	-	-	-
			50	528.88	26444.00	-	-	-	-	-
			50	612.15	30608.00	-	-	-	-	-
2			50	656.04	32802.00	-	-	-	-	-
		Rmtr	50	699.86	34993.00	-	-	-	-	-
			10	740.43	7404.00	-	-	-	0.00	0.00
	Siddeshwara Layout									
			50	344.33	17217.00	-	-	-	-	-
			50	450.77	22539.00	-	-	-	-	-
			50	500.75	25038.00	-	-	-	-	-
			50	528.88	26444.00	-	-	-	-	-
			50	612.15	30608.00	-	-	-	-	-
			50	656.04	32802.00	-	-	-	-	-
						50	699.86	34993.00	50.00	34993.00
						15	740.43	11106.00	15.00	11106.00
	Sheshadri layout								0.00	0.00
			50	344.33	17217.00	-	-	-	-	-
			50	450.77	22539.00	-	-	-	-	-
			50	500.75	25038.00	-	-	-	-	-
			50	528.88	26444.00	-	-	-	-	-
			50	612.15	30608.00	-	-	-	-	-



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Sl	Description of Item	t	Previous Measurement			Present Measurement			Total Upto Date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
						50	699.86	34993.00	50.00	34993.00
						8	740.43	5923.00	8.00	5923.00
									0.00	0.00
3	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985. One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr.	tr	130	1447.56	188183.00	-	-	-	-	-
4	Providing and Fixing 250mm dia PVC pipe and as per Specification and Direction	ach	72.00	1237.80	89122.00	-	-	-	-	-
5	Providing 175 mm dia MS Collar	ach				104	163.88	17044.00	104.00	17044.00
6	Providing 175 mm dia MS Cap	ach	4.00	109.25	437.00	-			-	0.00
7	Supply and delivery at site brand new submersible pumpset suitable for borewell of 165mm dia and having the declared duty conditions as detailed below and satisfying performance Characteristics for pump and motor as declared by the bureau of indian stand. the pumpset should conform to IS : 8034-1989 (With all its latest amendments) and Should bear ISI Certification mark IS : 8034-1989 Sub mercible pumpset 20HP 40 stage Texmo/Taro or equalents Brands	No	3.00	93078.27	279235.00	~~1~~	~~93078.27~~	~~93078.00~~	~~1.00~~	~~93078.00~~
8	Providing and fixing of 50mm G.I pipe 'B' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990	Mtrs	1040	480.59	499814.00	-			-	0.00
9	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts	Mtrs	1650	179.49	296159.00	-			-	0.00
10	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp	Nos	3.00	16169.00	48507.00	-			-	0.00
11	Fabricating Supplying and mounting MS Box of 16 SWG suitable for floor/ wall mounting fully weather proof with provision for better hear description, 9Providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamp with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 Sq cm	Sqm	66000.00	0.38	25080.00	-			-	0.00
12	Providing & Fixing of Clamps set and Borewell cap to the pump (MR)	No's	3.00	2084.49	6253.00	-			-	0.00

(vz)

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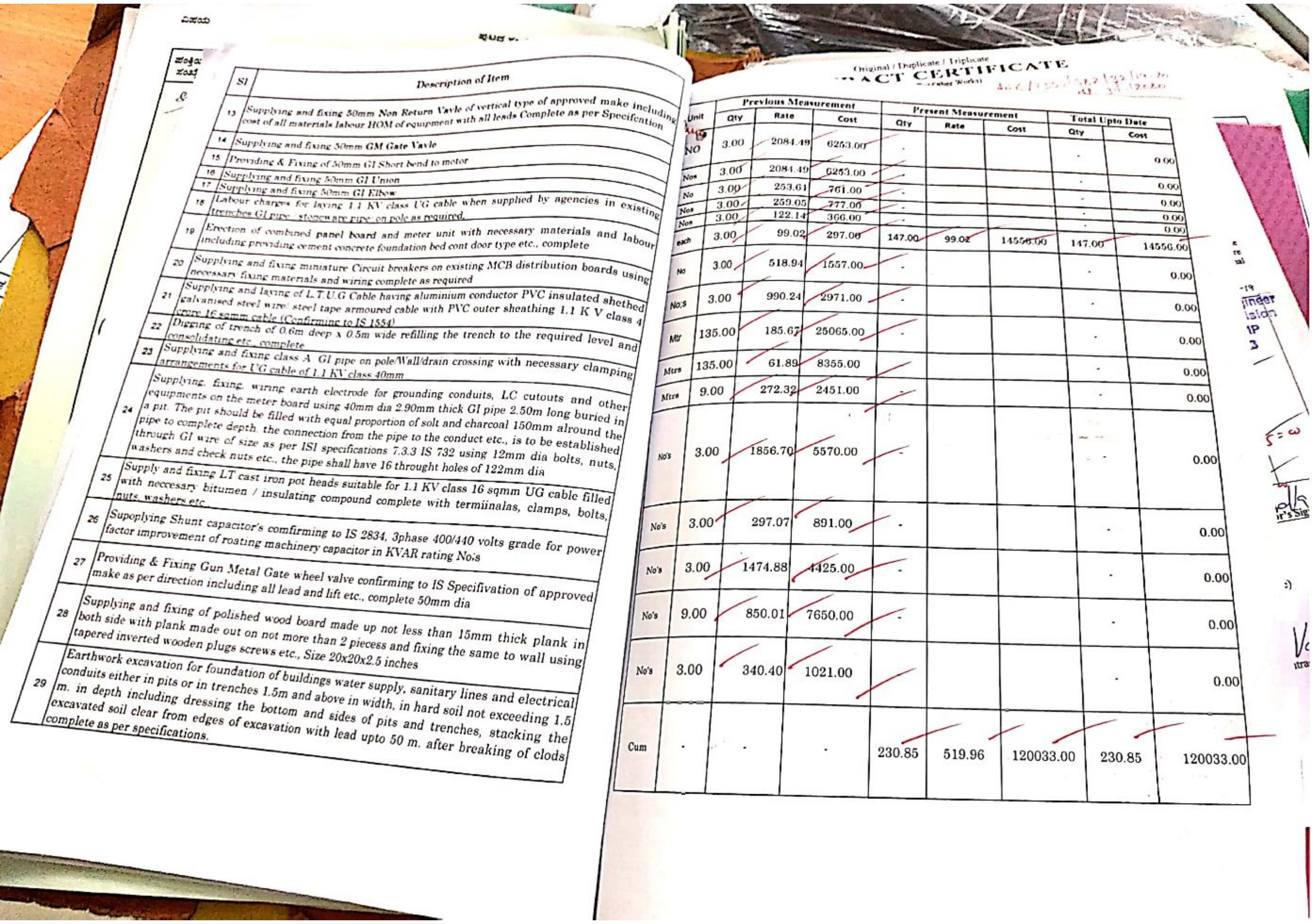

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Original / Duplicate / Triplicate

ACT CERTIFICATE

Sl	Description of Item	Unit	Previous Measurement			Present Measurement			Total Upto Date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
13	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation	NO	3.00	2084.49	6253.00	-			-	0.00
14	Supplying and fixing 50mm GM Gate Vavle	Nos	3.00	2084.49	6253.00	-			-	0.00
15	Providing & Fixing of 50mm GI Short bend to motor	No	3.00	253.61	761.00	-			-	0.00
16	Supplying and fixing 50mm GI Union	Nos	3.00	259.05	777.00	-			-	0.00
17	Supplying and fixing 50mm GI Elbow	Nos	3.00	122.14	366.00	-			-	0.00
18	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe on pole as required.	each	3.00	99.02	297.00	147.00	99.02	14556.00	147.00	14556.00
19	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete	No	3.00	518.94	1557.00	-			-	0.00
20	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required	No;s	3.00	990.24	2971.00	-			-	0.00
21	Supplying and laying of L.T.U.G Cable having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 K V class 4 core 16 sqmm cable (Confirming to IS 1554)	Mtr	135.00	185.67	25065.00	-			-	0.00
22	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., complete	Mtrs	135.00	61.89	8355.00				-	0.00
23	Supplying and fixing class A GI pipe on pole/Wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm	Mtrs	9.00	272.32	2451.00	-			-	0.00
24	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia	No's	3.00	1856.70	5570.00	-			-	0.00
25	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitumen / insulating compound complete with termiinalas, clamps, bolts, nuts, washers etc.	No's	3.00	297.07	891.00	-			-	0.00
26	Supoplying Shunt capacitor's comfirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No;s	No's	3.00	1474.88	4425.00	-			-	0.00
27	Providing & Fixing Gun Metal Gate wheel valve confirming to IS Specifivation of approved make as per direction including all lead and lift etc., complete 50mm dia	No's	9.00	850.01	7650.00	-			-	0.00
28	Supplying and fixing of polished wood board made up not less than 15mm thick plank in both side with plank made out on not more than 2 piecess and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20x20x2.5 inches	No's	3.00	340.40	1021.00				-	0.00
29	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	-	-	-	230.85	519.96	120033.00	230.85	120033.00

Duplicate / Triplicate

Sl	Description of Item	Unit	Previous Measurement Qty	Previous Measurement Rate	Previous Measurement Cost	Present Measurement Qty	Present Measurement Rate	Present Measurement Cost	Total Upto Date Qty	Total Upto Date Cost
30	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 1577 having thermal stability for hot and cold water supply including all CPVC plain and bras threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.	Rmt	-	-	-	513.00	2084.49	1069343.00	513.00	1069343.00
31	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m including cost of all labour complete as specifications.. allow 60% of rate considered under item.	Cum	-	-	-	256.50	140.12	35941.00	256.50	35941.00
32	KPTCL Deposit Charge		-	-	-			[illegible] [illegible]		[illegible] [illegible]
33	Borewell registration charge per Rs 1000 each for BWSSB		-	-	-			3000 [illegible]		3000.00
					2223012=00					
					206781=00			1479790.00		1479790.00
					GST12%			177575.00		177575.00
					2489773=00			1657365.00		1657365.00

1382932=00 1382932=00

12% GST → 165952=00 165952=00

1548884=00 1548884=00

Certificate:

1. This is certify that the Contractor has completed the work satisfactory.
2. The Contractor has cleared the debris from the work spot.
3. The contractor has used his own vehicles for the conveying the debris.
4. There are no departmental issues for the above work.